

Living With Fire

Project Learning Tree Activity #81

Program of Studies

Science:

- S-P-SI-1 (ask simple scientific questions that can be answered through observations.)
- S-P-SI-3 (use evidence (e.g., observations) from simple scientific investigations and scientific knowledge to develop reasonable explanations)
- S-P-SI-4 (design and conduct different kinds of simple scientific investigations.)
- S-P-SI-5 (communicate (e.g., speak, draw) designs, procedures, and results of scientific investigations)
- S-P-SI-6 (question scientific investigations and explanations of other students.)
- S-4-SI-1 (ask simple scientific questions that can be answered through observations combined with scientific information.)
- S-4-SI-3 (use evidence (e.g., descriptions) from simple scientific investigations and scientific knowledge to develop reasonable explanations.)
- S-4-SI-4 (design and conduct different kinds of simple scientific investigations.)
- S-4-SI-5 (communicate (e.g., graph, write) designs, procedures, and results of scientific investigations.)
- S-4-SI-6 (reviews and asks questions about scientific investigations and explanations of other students.)
- S-5-SI-1 (identify questions that can be answered through scientific investigations combined with scientific information.)
- S-5-SI-2 (use appropriate equipment (e.g., watches), tools (e.g., rain gauges), techniques (e.g., classifying), technology (e.g., calculators), and mathematics in scientific investigations.)
- S-5-SI-3 (use evidence (e.g., classifications), logic, and scientific knowledge to develop scientific explanations.)
- S-5-SI-4 (design and conduct different kinds of scientific investigations to answer different kinds of questions.)
- S-5-SI-5 (communicate (e.g., draw, speak) designs, procedures, and results of scientific investigations.)
- S-5-SI-6 (review and analyze scientific investigations and explanations of other students.)
- S-6-SI-1 (identify and refine questions that can be answered through scientific investigations combined with scientific information.)
- S-6-SI-2 (use appropriate equipment (e.g., binoculars), tools (e.g., beakers), techniques (e.g. ordering), technology (e.g., calculators), and mathematics in scientific investigations.)
- S-6-SI-3 (use evidence (e.g., orderings, organizations), logic, and scientific knowledge to develop scientific explanations.)
- S-6-SI-4 (design and conduct different kinds of scientific investigations to answer different kinds of questions.)

- S-6-SI-5 (communicate (e.g., speak, write) designs, procedures, and results of scientific investigations.)
- S-6-SI-6 (review and analyze scientific investigations and explanations of other students.)
- S-7-SI-1 (identify and refine questions that can be answered through scientific investigations combined with scientific information.)
- S-7-SI-2 (use appropriate equipment (e.g., spring scales), tools (e.g., spatulas), techniques (e.g., measuring), technology (e.g., computers), and mathematics in scientific investigations.)
- S-7-SI-3 (use evidence (e.g., measurements), logic, and scientific knowledge to develop scientific explanations.)
- S-7-SI-4 (design and conduct different kinds of scientific investigations to answer different kinds of questions.)
- S-7-SI-5 (communicate (e.g., write) designs, procedures, and results of scientific investigations.)
- S-7-SI-6 (review and analyze scientific investigations and explanations of other students.)
- S-8-SI-1 (identify and refine questions that can be answered through scientific investigations combined with scientific information.)
- S-8-SI-2 (use appropriate equipment (e.g., barometers), tools (e.g., meter sticks), techniques (e.g., computer skills), technology (e.g., computers), and mathematics in scientific investigations.)
- S-8-SI-3 (use evidence (e.g., computer models), logic, and scientific knowledge to develop scientific explanations.)
- S-8-SI-4 (design and conduct different kinds of scientific investigations to answer different kinds of questions.)
- S-8-SI-5 (communicate (e.g., write, graph) designs, procedures, and results of scientific investigations.)
- S-8-SI-6 (review and analyze scientific investigations and explanations of other students.)

Core Content

Science:

- SC-E-SI-1 (ask simple scientific questions that can be investigated through observations combined with scientific information.)
- SC-E-SI-3 (use evidence (e.g., observations, data) from simple scientific investigations and scientific knowledge to develop reasonable explanations.)
- SC-E-SI-4 (design and conduct simple scientific investigations.)
- SC-E-SI-5 (communicate (e.g., draw, graph, write) designs, procedures, observations, and results of scientific investigations.)
- SC-E-SI-6 (review and ask questions about scientific investigations and explanations of other students.)
- SC-E-3.1.2 (Organisms have basic needs. For example, animals need air, water, and food; plants need air, water, nutrients, and light. Organisms can survive only in environments in which their needs can be met.)

- SC-M-SI-1 (refine and refocus questions that can be answered through scientific investigation combined with scientific information.)
- SC-M-SI-3 (use evidence (e.g., computer models), logic, and scientific knowledge to develop scientific explanations.)
- SC-M-SI-4 (design and conduct scientific investigations.)
- SC-M-SI-5 (communicate (e.g., write, graph) designs, procedures, observations, and results of scientific investigations.)
- SC-M-SI-6 (review and analyze scientific investigations and explanations of other students.)
- SC-M-1.3.2 (Heat energy moves in predictable ways, flowing from warmer objects to cooler ones, until both objects reach the same temperature.)
- SC-H-SI-2 (use equipment, tools, techniques, technology, and mathematics to improve scientific investigations and communications.)
- SC-H-SI-3 (use evidence, logic, and scientific knowledge to develop and revise scientific explanations and models.)
- SC-H-SI-4 (design and conduct different kinds of scientific investigations.)
- SC-H-SI-5 (communicate and defend the designs, procedures, observations, and results of scientific investigations.)
- SC-H-SI-6 (review and analyze scientific investigations and explanations of other investigators, including peers.)